

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	:	
	:	
Raulf M. Polichar et al.	:	
	:	Confirmation Number: 2863
Application No. 10/822,727	:	
	:	Group Art Unit: 2884
Filed: April 13, 2004	:	
	:	Examiner: Gagliardi, A.
For: NEUTRON DETECTOR WITH	:	
LAYERED THERMAL-	:	Atty Docket: 000479.00116
NEUTRON SCINTILLATOR	:	
AND DUAL FUNCTION LIGHT	:	
GUIDE AND THERMALIZING	:	
MEDIA	:	

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

This paper is responsive to the Office Action mailed March 24, 2006, for which a three-month period for response has been set, i.e., up to and including June 24, 2006. It is believed that no fee is due for this submission. However, the Commissioner is authorized to charge any fee required to our Deposit Account No. 19-0733. Please amend the above-captioned application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.